

ABSTRACT

A method of downloading encrypted e-content to a terminal device includes receiving a request for encrypted content from a terminal device. A content server generates a private symmetric key and encrypts the e-content with the symmetric key. A key server looks up the terminal device public key in a key repository and sends the symmetric key encrypted with the public key of the terminal device to the content server. The key server generates a unique license ID and produces an entry in a license repository. The content server sends a response to the terminal device including the content encrypted with the symmetric key. Transfer tickets and challenges received from the content server are used to activate the e-content license. Additionally, trading of e-content licenses between users, activation of an e-content license transferred from a giver's terminal device to a borrower's terminal device are also supported. For viewing secure content on a personal computer a secure extensible computing environment is implemented on a personal computer peripheral card while processing of the content is performed in encrypted form in the computer. The content is delivered in encrypted form to the secure extensible computing environment on the personal computer peripheral card and decrypted therein.

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